

77/SUB. SPEC. w/2  
(NE) Hawker  
PATENT  
10/22/02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Jong Sun KIM

Serial No.: 09/846,191

: Group Art Unit: 2834

Filed: May 2, 2001

: Examiner: Pedro Cuevas

For: PIEZOELECTRIC TRANSFORMER FOR FLUORESCENT LAMP

RECEIVED  
OCT 18 2002  
TECHNOLOGY CENTER 2800

**AMENDMENT**

COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Sir:

In response to the July 17, 2002 Office Action, the following amendments and remarks and submitted:

**IN THE ABSTRACT:**

Please substitute the following Abstract:

**ABSTRACT OF THE DISCLOSURE**

*a*  
In a piezoelectric transformer for a fluorescent lamp, the size of an electrode at a central region of each side on a first face is smaller than that of electrodes at the corner region thereof. As a result, the stress generated in the piezoelectric block is minimized and the heat caused by stress is prevented, so that the damage of the piezoelectric block and the deterioration of the efficiency may be prevented. The input electrode can be formed in various shapes such as diamond, cross, and rhombic shapes.

**IN THE SPECIFICATION:**

Please substitute the following specification: